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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECHNOLOGY CENTER 2800

Applicant(s): Dennis James Herrell

Title: CROSSTALK CANCELLATION FOR INTEGRATED CIRCUIT  
PACKAGE CONFIGURATION

Application No.: 09/431,640

Filed:

November 1, 1999

Examiner: T. Tran

Group Art Unit:

2841

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#10/Andt B  
R. Tran  
3/5/02

January 15, 2002

COMMISSIONER FOR PATENTS  
Washington, DC 20231

## RESPONSE TO NON-FINAL OFFICE ACTION

This paper is responsive to a Non-Final Office action dated October 3, 2001, having a shortened statutory period for response set to expire January 3, 2002.

### AMENDMENT

#### In the Claims

Please amend the claims as follows:

- B<sup>1</sup>
1. (Amended) An electrical assembly comprising:  
traces extending toward respective off-assembly connections; and  
integrated transformer structures defined along the traces to induce compensating  
crosstalk signals having opposing polarity to initial crosstalk signals associated  
with mutual coupling between adjacent of the off-assembly connections, wherein  
one or more of the integrated transformer structures each comprise an aperture in  
a voltage plane of the electrical assembly, and essentially parallel portions of  
corresponding pairs of the traces, the essentially parallel portions traversing the  
aperture.